

Contractor's Quality Control Report/Quality Assurance Report

(ER 1180-1-6)

Contract Number DACA85-01-C-0026		UPC/Project Title and Location of Work FY01 Replacement Family Housing, Fort Wainwright, Alaska
CQC Report Number 079	Date Thursday August 1, 2002	Contractor Osborne Construction Company 3701 Braddock Street Fairbanks, Alaska 99707

Weather Classification:

CLASS A No interruptions of any kind from weather conditions occurring on this or previous shifts
 CLASS B Weather occurred during this shift that caused a complete stoppage of all work.
 CLASS C Weather occurred during this shift that caused a partial stoppage of work.
 CLASS D Weather overhead excellent or suitable during shift. Work completely stopped due to results of previous adverse weather.
 CLASS E Weather overhead excellent or suitable during shift but work partially stopped due to previous adverse manner.
 OTHER Explain.

Classification: A **Temperature:** Max +76F Min +50F **Precipitation:** sunny

Contractor/Subcontractors Work Activities Performed Today: (Attach list of equipment either idle or working as appropriate)
 Reference (NAS ID No.) Activity Contractor

Work Performed This Day: (Include location and description of work performed. Refer to work performed by prime and or subcontractors by NAS activity number in the section above).

Building 1402: Stutzman surveyors doing layout for footings.

OCC performing general clean up around site.

Building 1404: OCC continuing pick up work and correction on stairs. Slayden installing bath exhaust fans.

Building 1405: OCC continuing low-roof framing and sheathing and dormers, pick up & general clean up. Slayden continued plumbing rough in. ECCI continuing installation of boxes and other rough-in.

Building 1406: OCC continuing footing forms for utilidor from building 7 to building 8. Carpenters also laying out foundation stem walls.

Building 1407: OCC setting wall panels.

Building 1410: OCC setting 1st floor wall panels and started 2nd floor beams and joists

Building 1411: OCC continued footing forms and rebar.

Building 1408: OCC continued to form up for stem walls, and laborers cleaning up area.

Building 1409: OCC stripped forms from mechanical rooms walls.

Building 1412: OCC installing sill plates and anchor bolts.

Building 1414:

Building 1416: OCC cleaning up around stem walls and continued applying Thoroseal waterproofing.

Building 1419:

MH 1063A: OCC placed concrete for MH 1063A, Slayden continuing piping installation from 1063 to 1063A, Utilidor along 100th: Slayden continued installation of pipe hangers and condensate pipe and fittings, start welding tomorrow.

OCC cleaning out utilidors between buildings 5 & 6 as well as main utilidor along Dogwood St. prior to inspection by Charlie Davenport of DPW.

Materials Received to be Used and/or Incorporated into Project.

Wall panels and BCI's for building 1410.

Quality Control Inspections Performed This Date: (Include inspections, results, deficiencies observed, and corrective actions.)

Preparatory

Initial Initial Inspection of TS 07212 Board and Batt Insulation (see attached).

Follow-up Follow up on carpentry: QC Jim Frink completed inspection of roof sheathing on building 1404 and found the upper roof ready for underlayment and shingle. Some minor deficiencies remained on the lower roofing, but carpenter had fixed remaining deficiencies by end of day. Building 1404 is ready to roof except for above mechanical room (waiting for Slayden to install water heaters). 3mm nails at 153mm (6") o.c. at edge and boundaries and 305mm (12") o.c. in the field. Carpenter with nail gun accompanied QC Jim Frink and completed all nailing deficiencies in the presence of Jim Frink to eliminate re-inspection.

QC Jim Frink began complete inspection of roof sheathing on building 1405 with carpenter correcting deficiencies as inspection proceeded.

Follow up on concrete: Mechanical room walls (1412) Rebar centered in forms with adequate clearances, concrete placed, consolidated and finished in a workman-like manner. Rebar for MH 1063A per detail 4 DWG S7.1 and detail 7 DWG S7.2, with sufficient shoring to support concrete lid and crew during placement.

Follow up on mechanical: Slayden continuing steam piping in utilidor 1063 to 1063A, using welding rod from plastic, water tight rod holder, using 6010 root pass, 7018 cover pass on socket welds, 6010 root pass, 6010 hot pass and 7018 cover pass on butt welds.

Smitty of DPW observed and notified OCC that the crew on building 1412 (installing sill plate and anchor bolts were not treating the cut ends of the sill plate with preservative. QCSM got with Dan McGrath (foreman for that operation). Dan had crew go back to treat cut ends.

Was the construction deficiency tracking list updated this date: XYes No ☐

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Tests Required by Plans and/or Specifications Performed and Results of Tests (CQC):

Type of Test	Method	Results
Slump, air and cylinders (see attached).		

Verbal Instructions Given/ Received: (List any instructions given by Government. Include names, reactions, and remarks.)

Verbal	Written
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Work Progress:	Are there any Contractor caused delays or potential finding of fact?	Yes	No
	Are there any Government caused delays or potential finding of fact?	Yes	No
	Are there any unforeseeable or weather related delays?	Yes	No

Remarks: (Include any visitors and miscellaneous remarks pertinent to work): In phone conversation between QC Jim Frink, General Foreman Matt Emerson, and Pete Van Husin (SBS Truss Designer) discussing the note on truss shop drawings "Rigid Ceiling applied or 6'-0" O.C. lateral bracing", Pete Van Husin did confirm that a single layer of 5/8" gypsum board screwed off to the bottom chord of the trusses at 2'-0" o.c. is considered a rigid ceiling and therefore, bottom chord bracing is not required. Quality Control from University Redi-Mix (Jack) on site for placement of concrete at MH 1063A. Informed Chief Brady of the Fort Wainwright Fire Department that OCC subcontractor Slayden P&H will be taking out of service, the fire hydrant at the corner of 100th St. and Dogwood (within OCC fenced off area). Chief Brady said he would inform his crews and that it shouldn't be a problem, and to notify him again when it is back in service.

Safety: (Include any infractions of approved safety plan, safety manual, or instructions from Government personnel. Specify corrective actions taken.) Safety violations for lack of fall protection (observed yesterday by QC) were issued to two carpenters. Pat Laakso of State of Alaska OSHA phoned Superintendent Jeff Crawford and informed him that the temporary lighting power supply cord observed during Tuesday's inspection is indeed a legal temporary installation and does comply with safety codes and therefore is no longer an issue. Pat Laakso also stated that the fluorescent tube lighting in the basements of buildings 1404 & 1405 do need to have bulbs protected. As pointed out during Tuesday's on-site inspection, protective devices have been on order since before Tuesday's OSHA compliance inspection. QCSM observed hand rails around lid of MH 1063A, ladder was tied off, all rebar caps in place.

Smitty of DPW asked Slayden welder to put up a weld screen near MH 1063 to prevent possible arc flash to Wolverine Employees. Welder complied.

Contractor's Certification: I certify that the above report is complete and correct and that all materials and equipment used, work performed and tests conducted during this reporting period were in strict compliance with the contract plans and specifications except as noted above.

Contract Quality Control Manager Signature Chris Sealey Date Thursday August 1, 2002

Site Superintendent Signature [Signature] Date Thursday August 1, 2002

Government Quality Assurance Comments

Quality Assurance Testing Performed this date? Yes ☐ No ☐

Safety Inspections performed other than noted above. ☐ No ☐

Concurs with the CQC Report? Yes ☒ No ☐

Additional comments or exceptions:

79

QAR Signature [Signature] Date 02-06-03

Supervisor's Initial [Signature] Date _____

Missing initial phase meeting for insulation.
Will ask for insert.

Contractor Quality Control/Quality Assurance Report Continued
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Manpower and Equipment

			Osborne Construction Company					
Labor			Equipment					
Classification	Number	Hours	Make/Model	Rate	Year	Number	Ea.	Hrs/Days Used
Project Manager	1	12	Ford pickup		2000	1		9
Superintendent	1	14	Chevy pickup		2000	1		12
General Foreman	1	12	Chevy pickup		2000	1		10
QCSM	1	10	Mazda Pick up		1991	1		9
QC	1	11	Grove RT60 Hydro crane			1		9
Carpenters	48	432	SBS Boom Truck			1		9
Operator	3	27	Flat-Deck Trailer		2000	1		9
Laborers	20	180						
Project Engineer	2	18						
Field Engineer	2	20						
SBS Field Engineer	1	10						
Welder	1	6						
		Total Hours:	761					

Great Northwest

Labor			Equipment					
Classification	Number	Hours	Make/Model	Rate	Year	Number	Ea.	Hrs/Days Used
Superintendent			Dodge Dsl		2000	1		
Assistant Super.						1		
Carpenters	0	0	TD 7 Dozer			1		hrs
Labor			excavator Komatsu			1		8 hrs
Operator	2		Dozer 650 H			1		8 hrs
Surveyor			416 Excavator			1		0 hrs
Electricians	0		Dump Truck					hrs
FORMAN	0	0	rolling compactor			1		8 hrs
Drivers			Water Truck			1		8 hrs
	0	0	caterpillar JD 550			1		hrs
			Side dumps			2		0 hrs

Total Hours:

Montauk Environmental

Labor			Equipment					
Classification	Number	Hours	Make/Model	Rate	Year	Number	Ea.	Hrs/Day Use
Enviro. Specialist			PID Sniffer		MicroTip 2000	1		
			4-door sedan			1		

Total Hours:

Stutzman Engineering

Labor			Equipment					
Classification	Number	Hours	Make/Model	Rate	Year	Number	Ea.	Hrs/Day Use
Surveyors	2	5	Suburban			1		2.5

hrs

Total Hours:

Slayden Plumbing & Heating

Labor			Equipment					
Classification	Number	Hours	Make/Model	Rate	Year	Number	Ea.	Hrs/Day Us
Superintendent	1	8	Pick up			1		8
Plumber	7	56	Pick up			1		8
Apprentices	4	32	Welding Machines			2		16
Welders	1	8						
Insulators								
Cert. Welding Inspector								

Total Hours: 104

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Labor			Equipment					
Classification	Number	Hours	Make/Model	Rate	Year	Number	Ea.	Hrs/Day Us
Superintendent			Excavator	Hitachi				
Operator			Semi End dump					
Drivers			Low boy					

Total Hours:

Labor			Environmental Solutions					
Classification	Number	Hours	Equipment	Rate	Year	Number	Ea.	Hrs/Day Use
Owner			Van Truck				1	0
Foreman			Cube Van truck				1	0
Air Monitor								
Operator							0	0
laborers							0	0

Total Hours:

Labor			Concrete Cutters					
Classification	Number	Hours	Equipment	Rate	Year	Number	Ea.	Hrs/Day Use
Concrete Cutters			Box Van				1	
			Air Compressors				1	

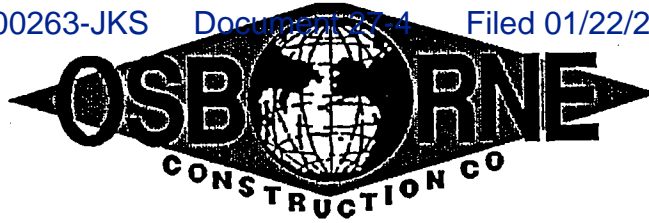
Total

Labor			ECCI (Electrical Sub)					
Classification	Number	Hours	Equipment	Rate	Year	Number	Ea.	Hrs/Day Use
Owner/foreman	1	8	Dodge Pick up					
Electrician	2	16	Chevy Pick up ½ ton		99		1	9
laborers			Bucket/Pole Setting truck				2	16

Total Hours: 24
Sub Total: 894.0

Previous: 34,689.0

UTD: 35,583.0



RECORD OF TELEPHONE CONVERSATION

Date: 8-1-02 Project: FY-10
 Time: 8:10 AM Phone: _____
 Who Called: IC Returned Call Firm: OCC
 Talked To: Pat Leasko Firm: STATE OSHA
 Referenced: OSHA Site Inspection Issues:

Summary of Conversation:

① 1926 - No HEIGHT Speed for protecting Light Fixtures
 BUT ~~THE~~ SAYS "all Covered" - so we need to cover
 General Industry 1910 - will be issue for unprotected Light Fixture
 fluorescent tubes when people move in.

Pig Tail Issue - out of Box - Is Legal
 But suggests covering
 the Box and



CONCRETE & MASONRY

☒ Concrete ☐ Mortar ☐ Grout
Dispatch Date: August 1 2002Dispatch Time: 0630

Phone: 562-2000, Fax: 563-3953

Page 1 of 1

Client: <u>Osborne</u>	W.O. #: <u>F60001</u>
Project: <u>F701</u>	MOA Permit # <u>-</u>
Order taken by: <u>-</u>	Requested by: <u>-</u>
Date: <u>-</u>	Time: <u>-</u>
Test Locations Selected by: <input checked="" type="checkbox"/> ATL <input type="checkbox"/> Contractor <input type="checkbox"/> Owner	Tested by/date: <u>AS 8-1-02</u>
Notification of Test Results Given To: <u>Chris Box</u>	
Time Departed for Site: <u>0640</u>	Time Arrived Site: <u>0650</u>
Time Departed Site: <u>0930</u>	Time Arrived Back: <u>0940</u>
Standby Requested by (start/end): <u>-</u>	Date: <u>8-1-02</u>
	Time: <u>0925</u>
Contractor: <u>Osborne</u>	Total Pour Volume: <u>27 yds</u>
Supplier: <u>University Redi Mix</u>	Time Pour Started: <u>0730</u>
Specified: <u>Strength 28 Mpa</u>	Product Code: <u>-</u>
Other: <u>-</u>	Time Pour Ended: <u>0920</u>
	Air <u>5-7</u>
	Slump <u>50-100 mm</u>
	w/c <u>-</u>

cnccarbn.doc

Checked by/date: _____

Today's Set No.	1				Location
Total Air	6.0				1) Utilidor West Wall 10m S 4m W of SE
Agg. Corr.	-				Corner of Bldg. 1418
Entrained Air	6.0				
Slump	85 mm				
Conc. Temp.	18.8				placed by pump truck
Pour Air Temp.	21.1				sampled from truck rear discharge
Σ yd ³ Poured	3/4				
Ticket No.	1327				
Size/No. Specimens	6x12/8				

Remarks:

Cylinders Picked Up
 by/date: AS 8-2-02
 site visit: T & M
 max/min temp: 76/50

☐ Unit Price ☒ T & M



Phone: 562-2000, Fax: 563-3953

IN PLACE DENSITY

ASTM D2922 & D2216

☒ SOILS☐ ASPHALT PAVINGDispatch Date: 8/1/02Dispatch Time: 1330Page 1 of 2

Client: WIRE COMM W.O. #: F60006
 Project: EYDI HOUSING Instrument #: _____
 Order taken by: CM Requested by: Bill 356-1347 Date: 8/1/02 Time: 1330
 Test Locations Selected by: ☒ ATL ☐ Contractor ☐ Owner Tested by/date: LB 8-1-02
 Notification of Test Results Given To: _____
 Time Departed for Site: 1345 Time Arrived Site: 1350 Date: _____
 Time Departed Site: 1530 Time Arrived Back: 1535 Time: _____
 Standby Requested by (start/end): _____

MOA Permit No. _____

Checked by/date: _____

- ☐ Waterline ☐ Sewerline ☐ Storm Drain ☒ Electrical Line
☐ Gas Line ☐ Fuel Line ☐ Slab ☐ Footing ☐ Curb & Gutter
☐ Sidewalk ☐ Road ☐ Parking Lot ☐ Other _____

No.	+3"	Gravel	Sand	-200	Probe	Bulk	Dry	Water	Proctor	% Compaction
1	-	55	40	5	BS	145.5	137.3	5.9	136.5	100
Type: <u>Import-Badger</u>									Lab	

Location: Comm Trench btwn bldgs 1408 + 1410 W endElevation: 2 ft BFG

No.	+3"	Gravel	Sand	-200	Probe	Bulk	Dry	Water	Proctor	% Compaction
2	-	55	40	5	BS	142.1	130.3	9.0	136.5	96
Type: <u>Import Badger</u>									Lab	

Location: Comm Trench btwn bldgs 1408 + 1410 Central SectionElevation: 2 ft BFG

No.	+3"	Gravel	Sand	-200	Probe	Bulk	Dry	Water	Proctor	% Compaction
3	-	55	40	5	BS	135.0	129.3	4.4	136.5	95
Type: <u>Import-Badger</u>									Lab	

Location: Comm Trench btwn bldgs 1408 + 1410 E EndElevation: 2 ft BFG

No.	+3"	Gravel	Sand	-200	Probe	Bulk	Dry	Water	Proctor	% Compaction
4	-	55	40	5	BS	138.9	131.0	6.0	136.5	96
Type: <u>Import-Badger</u>									Lab	

Location: Comm Trench btwn bldgs 1408 + 1410 W EndElevation: 1 ft BFG**Remarks:**

Road Crossing on 100th St.
 Used Osborn's Proctor (136.5)

☒ Unit Price ☐ T & M

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(Rev 2, 5/01)

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Site Visits: _____, Tests: _____, Tally by/date: _____

003540 ACE
PLTF 000178



IN-PLACE DENSITY

(Continued)

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Client: Wire Comm W.O. #: F60006
 Project: FY01 Housing Tested by/date: LB 08-01-0

Checked by/date: _____

No.	+3"	Gravel	Sand	-200	Probe	Bulk	Dry	Water	Proctor	% Compaction
5	-	55	40	5	135	141.7	134.7	5.1	136.5	97
Type: <u>Import - Badger</u>								Lab		

Location: Comm Trench btwn bldgs 1408+1410 Central SectionElevation: 2 ft BFG

No.	+3"	Gravel	Sand	-200	Probe	Bulk	Dry	Water	Proctor	% Compaction
6	-	55	40	5	135	151.3	129.9	5.7	136.5	94
Type: <u>Import - Badger</u>								Lab		

Location: Comm Trench btwn bldgs 1408+1410 E endElevation: 2 ft BFG

No.	+3"	Gravel	Sand	-200	Probe	Bulk	Dry	Water	Proctor	% Compaction
7	-	55	40	5	135	142.1	134.6	7.1	136.5	98
Type: <u>Import - Badger</u>								Lab		

Location: Comm Trench btwn bldgs 1408+1410 W EndElevation: FG

No.	+3"	Gravel	Sand	-200	Probe	Bulk	Dry	Water	Proctor	% Compaction
8	-	55	40	5	BS	143.1	136.7	4.6	136.5	100
Type: <u>Import - Badger</u>								Lab		

Location: Comm Trench btwn bldgs 1408+1410 Central SectionElevation: FG

No.	+3"	Gravel	Sand	-200	Probe	Bulk	Dry	Water	Proctor	% Compaction
9	-	55	40	5	BS	142.3	135.8	4.9	136.5	100
Type: <u>Import - Badger</u>								Lab		

Location: Comm Trench btwn bldgs 1408+1410 E EndElevation: FG

No.	+3"	Gravel	Sand	-200	Probe	Bulk	Dry	Water	Proctor	% Compaction
Type:								Lab		

Location: _____

Elevation: _____

No.	+3"	Gravel	Sand	-200	Probe	Bulk	Dry	Water	Proctor	% Compaction
Type:								Lab		

Location: _____

Elevation: _____

No.	+3"	Gravel	Sand	-200	Probe	Bulk	Dry	Water	Proctor	% Compaction
Type:								Lab		

Location: _____

Elevation: _____

(Rev 1, 4/99)

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003541 ACE
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